

KPDES FORM 1

AZ#602



KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT APPLICATION

This is an application to: (check one)

- ☐ Apply for a new permit.
☒ Apply for reissuance of expiring permit.
☐ Apply for a construction permit.
☐ Modify an existing permit.

Give reason for modification under Item II.A.

A complete application consists of this form and one of the following:

Form A, Form B, Form C, Form F, or Form SC

For additional information contact:

KPDES Branch (502) 564-3410

-0-

I. FACILITY LOCATION AND CONTACT INFORMATION		AGENCY USE	00	2	5	9	83
A. Name of business, municipality, company, etc. requesting permit CITY OF WICKLIFFE SEWER TREATMENT PLANT							
B. Facility Name and Location				C. Primary Mailing Address (all facility correspondence will be sent to this address). Include owner mailing address on a separate sheet if different.			
Facility Location Name: WICKLIFFE SEWER TREATMENT PLANT				Facility Contact Name and Title: Mr. <input type="checkbox"/> Ms. <input type="checkbox"/> GUY JOHNSON Supt Of Public Works			
Facility Location Address (i.e. street, road, etc., not PO Box): KENTUCKY HWY 121				Mailing Address: P.O. Box 175			
Facility Location City, State, Zip Code: WICKLIFFE, Ky., 42087				Mailing City, State, Zip Code: WICKLIFFE, Ky., 42087			
				Facility Contact Telephone Number: 270 335-3557			

II. FACILITY DESCRIPTION			
A. Provide a brief description of activities, products, etc: MUNICIPAL WASTEWATER SYSTEM, DOMESTIC SEWAGE			
B. Standard Industrial Classification (SIC) Code and Description			
Principal SIC Code & Description: 4952	Sewerage Systems		
Other SIC Codes:			

III. FACILITY LOCATION	
A. Attach a U.S. Geological Survey 7 1/2 minute quadrangle map for the site. (See instructions)	
B. County where facility is located: BALLAND	City where facility is located (if applicable):
C. Body of water receiving discharge: MAYFIELD CREEK TRIBUTARY TO MISSISSIPPI RIVER	
D. Facility Site Latitude (degrees, minutes, seconds): 36° 56' 30"	Facility Site Longitude (degrees, minutes, seconds): 89° 03' 44"
E. Method used to obtain latitude & longitude (see instructions): TOPO MAP COORDINATES	
F. Facility Dun and Bradstreet Number (DUNS #) (if applicable):	

IV. OWNER/OPERATOR INFORMATION**A. Type of Ownership:**☒ Publicly Owned ☐ Privately Owned ☐ State Owned ☐ Both Public and Private Owned ☐ Federally owned**B. Operator Contact Information (See instructions)**

Name of Treatment Plant Operator:

Guy Johnson

Telephone Number:

270-556-5773

Operator Mailing Address (Street):

1135 BEECHKNOVE Rd

Operator Mailing Address (City, State, Zip Code):

Wickliffe KY 42087

Is the operator also the owner?

Yes ☐No ☒

Is the operator certified? If yes, list certification class and number below.

Yes ☒No ☐

Certification Class:

II

Certification Number:

5295

V. EXISTING ENVIRONMENTAL PERMITS

Current NPDES Number:

KY0025933

Issue Date of Current Permit:

01-01-2005

Expiration Date of Current Permit:

5-31-2009

Number of Times Permit Reissued:

N/A

Date of Original Permit Issuance:

2-1-81

Sludge Disposal Permit Number:

N/A

Kentucky DOW Operational Permit #:

Kentucky DSMRE Permit Number(s):

Which of the following additional environmental permit/registration categories will also apply to this facility?

CATEGORY	EXISTING PERMIT WITH NO.	PERMIT NEEDED WITH PLANNED APPLICATION DATE
Air Emission Source		
Solid or Special Waste		
Hazardous Waste - Registration or Permit		

VI. DISCHARGE MONITORING REPORTS (DMRs)

KPDES permit holders are required to submit DMRs to the Division of Water on a regular schedule (as defined by the KPDES permit). Information in this section serves to specifically identify the name and telephone number of the DMR official and the DMR mailing address (if different from the primary mailing address in Section I.C).

A. DMR Official (i.e., the department, office or individual designated as responsible for submitting DMR forms to the Division of Water):

DMR Official Telephone Number:

(270) 335-3557

B. DMR Mailing Address:

- Address the Division of Water will use to mail DMR forms (if different from mailing address in Section I.C), or
- Contact address if another individual, company, laboratory, etc. completes DMRs for you; e.g., contract laboratory address.

DMR Mailing Name:

DMR Mailing Address:

DMR Mailing City, State, Zip Code:

VII. APPLICATION FILING FEE

KPDES regulations require that a permit applicant pay an application filing fee equal to twenty percent of the permit base fee. Please examine the base and filing fees listed below and in the Form 1 instructions and enclose a check payable to "Kentucky State Treasurer" for the appropriate amount (for permit renewals, please include the KPDES permit number on the check to ensure proper crediting). Descriptions of the base fee amounts are given in the "General Instructions."

Facility Fee Category: <i>PUBLICLY OWNED MUNICIPALITY</i>	Filing Fee Enclosed: <i>N/A</i>
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VIII. CERTIFICATION

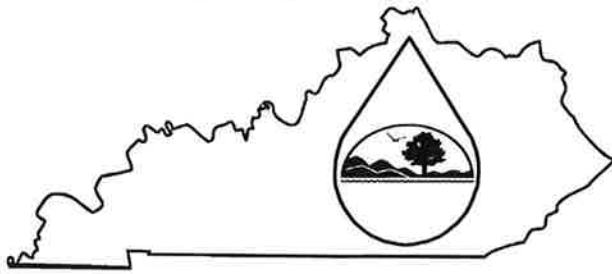
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME AND OFFICIAL TITLE (type or print): Mr. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> <i>HERBY WANCE / MAYOR</i>	TELEPHONE NUMBER (area code and number): <i>(270) 335-3557</i>
SIGNATURE <i>Herby Wance</i>	DATE: <i>11/10/08</i>

Return completed application form and attachments to: **KPDES Branch, Division of Water, Frankfort Office Park, 14 Reilly Road, Frankfort, KY 40601. Direct questions to: KPDES Branch at (502) 564-3410.**

KPDES FORM A

AI 62



KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT APPLICATION

A complete application consists of this form and Form 1.
For additional information, contact KPDES Branch (502) 564-3410.

APPLICATION OVERVIEW	AGENCY USE	0	0	2	5	9	3	3
<p>Form A has been developed in a modular format and consists of a "Basic Application Information" packet and a "Supplemental Application Information" packet. The Basic Application Information packet is divided into two parts. All applicants must complete Parts A and C. Applicants with a design flow greater than or equal to 0.1 mgd must also complete Part B. Some applicants must also complete the Supplemental Application Information packet. The following items explain which parts of Form A you must complete.</p>								
<p>BASIC APPLICATION INFORMATION:</p> <p>A. Basic Application Information for all Applicants. All applicants must complete questions A.1 through A.8. A treatment works that discharges effluent to surface waters of the United States must also answer questions A.9 through A.12.</p> <p>B. Additional Application Information for Applicants with a Design Flow ≥ 0.1 mgd. All treatment works that have design flows greater than or equal to 0.1 million gallons per day must complete questions B.1 through B.6.</p> <p>C. Certification. All applicants must complete Part C (Certification).</p>								
<p>SUPPLEMENTAL APPLICATION INFORMATION:</p> <p>D. Expanded Effluent Testing Data. A treatment works that discharges effluent to surface waters of the United States and meets one or more of the following criteria must complete Part D (Expanded Effluent Testing Data):</p> <ol style="list-style-type: none"> 1. Has a design flow rate greater than or equal to 1 mgd, 2. Is required to have a pretreatment program (or has one in place), or 3. Is otherwise required by the permitting authority to provide the information. <p>E. Toxicity Testing Data. A treatment works that meets one or more of the following criteria must complete Part E (Toxicity Testing Data):</p> <ol style="list-style-type: none"> 1. Has a design flow rate greater than or equal to 1 mgd, 2. Is required to have a pretreatment program (or has one in place), or 3. Is otherwise required by the permitting authority to submit results of toxicity testing. <p>F. Industrial User Discharges and RCRA/CERCLA Wastes. A treatment works that accepts process wastewater from any significant industrial users (SIUs) or receives RCRA or CERCLA wastes must complete Part F (Industrial User Discharges and RCRA/CERCLA Wastes). SIUs are defined as:</p> <ol style="list-style-type: none"> 1. All industrial users subject to Categorical Pretreatment Standards under 40 Code of Federal Regulations (CFR) 403.6 and 40 CFR Chapter I, Subchapter N (see instructions); and 2. Any other industrial user that: <ol style="list-style-type: none"> a. Discharges an average of 25,000 gallons per day or more of process wastewater to the treatment works (with certain exclusions); or b. Contributes a process wastestream that makes up 5 percent or more of the average dry weather hydraulic or organic capacity of the treatment plant; or c. Is designated as an SIU by the control authority. <p>G. Combined Sewer Systems. A treatment works that has a combined sewer system must complete Part G (Combined Sewer Systems).</p>								
<p>ALL APPLICANTS MUST COMPLETE PART C (CERTIFICATION)</p>								

BASIC APPLICATION INFORMATION

PART A. BASIC APPLICATION INFORMATION FOR ALL APPLICANTS:

All treatment works must complete questions A.1 through A.8 of this Basic Application Information packet.

A.1. Facility Information.

Facility name WICKLIFFE SEWAGE TREATMENT PLANT
Mailing Address P.O. Box 175
WICKLIFFE, Ky., 42087
Contact person GUY JOHNSON
Title SUPV PUBLIC WORKS
Telephone number (270) 335-3557
Facility Address KENTUCKY HWY 121
(not P.O. Box) WICKLIFFE KY 42087

A.2. Applicant Information. If the applicant is different from the above, provide the following:

Applicant name _____
Mailing Address _____
Contact person _____
Title _____
Telephone number _____

Is the applicant the owner or operator (or both) of the treatment works?

☒ owner ☒ operator

Indicate whether correspondence regarding this permit should be directed to the facility or the applicant.

☒ facility ☐ applicant

A.3. Existing Environmental Permits. Provide the permit number of any existing environmental permits that have been issued to the treatment works (include state-issued permits).

NPDES KY0025933 PSD _____
UIC _____ Other _____
RCRA _____ Other _____

A.4. Collection System Information. Provide information on municipalities and areas served by the facility. Provide the name and population of each entity and, if known, provide information on the type of collection system (combined vs. separate) and its ownership (municipal, private, etc.).

Name	Population Served	Type of Collection System	Ownership
<u>WICKLIFFE</u>	<u>1000</u>	<u>SANITARY</u>	<u>MUNICIPAL</u>
_____	_____	_____	_____
_____	_____	_____	_____

Total population served 1000

A.5. Indian Country.

- a. Is the treatment works located in Indian Country?

☐ Yes☒ No

- b. Does the treatment works discharge to a receiving water that is either in Indian Country or that is upstream from (and eventually flows through) Indian Country?

☐ Yes☒ No**A.6. Flow.** Indicate the design flow rate of the treatment plant (i.e., the wastewater flow rate that the plant was built to handle). Also provide the average daily flow rate and maximum daily flow rate for each of the last three years. Each year's data must be based on a 12-month time period with the 12th month of "this year" occurring no more than three months prior to this application submittal.

- a. Design flow rate
- 0.28
- mgd

- b. Annual average daily flow rate

Two Years Ago0.109Last Year0.230This Year0.119

mgd

- c. Maximum daily flow rate

0.1980.2750.168

mgd

A.7. Collection System. Indicate the type(s) of collection system(s) used by the treatment plant. Check all that apply. Also estimate the percent contribution (by miles) of each.☐ Separate sanitary sewer☐ Combined storm and sanitary sewer100

%

%

A.8. Discharges and Other Disposal Methods.

- a. Does the treatment works discharge effluent to waters of the U.S.?

☒ Yes☐ No

If yes, list how many of each of the following types of discharge points the treatment works uses:

- i. Discharges of treated effluent

1

- ii. Discharges of untreated or partially treated effluent

0

- iii. Combined sewer overflow points

0

- iv. Constructed emergency overflows (prior to the headworks)

0

- v. Other

0

- b. Does the treatment works discharge effluent to basins, ponds, or other surface impoundments that do not have outlets for discharge to waters of the U.S.?

☐ Yes☒ No

If yes, provide the following for each surface impoundment:

Location: _____

Annual average daily volume discharged to surface impoundment(s)

mgd

Is discharge _____ continuous or _____ intermittent?

- c. Does the treatment works land-apply treated wastewater?

☐ Yes☒ No

If yes, provide the following for each land application site:

Location: _____

Number of acres: _____

Annual average daily volume applied to site:

Mgd

Is land application _____ continuous or _____ intermittent?

- d. Does the treatment works discharge or transport treated or untreated wastewater to another treatment works?

☐ Yes☒ No

If yes, describe the mean(s) by which the wastewater from the treatment works is discharged or transported to the other treatment works (e.g., tank truck, pipe).

If transport is by a party other than the applicant, provide:

Transporter name:

Mailing Address:

Contact person:

Title:

Telephone number:

For each treatment works that receives this discharge, provide the following:

Name:

Mailing Address:

Contact person:

Title:

Telephone number:

If known, provide the NPDES permit number of the treatment works that receives this discharge.

Provide the average daily flow rate from the treatment works into the receiving facility.

mgd

- e. Does the treatment works discharge or dispose of its wastewater in a manner not included in A.8.a through A.8.d above (e.g., underground percolation, well injection)?

Yes

No

If yes, provide the following for each disposal method:

Description of method (including location and size of site(s) if applicable):

Annual daily volume disposed of by this method:

Is disposal through this method

continuous or

intermittent?

WASTEWATER DISCHARGES:

If you answered "yes" to question A.8.a, complete questions A.9 through A.12 once for each outfall (including bypass points) through which effluent is discharged. Do not include information on combined sewer overflows in this section. If you answered "no" to question A.8.a, go to Part B, "Additional Application Information for Applicants with a Design Flow Greater than or Equal to 0.1 mgd."

A.9. Description of Outfall.

a. Outfall number

001

b. Location

WICKLIFFE42087

(City or town, if applicable)

(Zip Code)

BALLARDKY

(County)

(State)

36° 56' 30"089° 03' 44"

(Latitude)

(Longitude)

c. Distance from shore (if applicable)

0

ft.

d. Depth below surface (if applicable)

0

ft.

e. Average daily flow rate

0.134

mgd

f. Does this outfall have either an intermittent or a periodic discharge?



Yes

No

(go to A.9.g.)

If yes, provide the following information:

Number of times per year discharge occurs:

1

Average duration of each discharge:

6-7 MONTHS

Average flow per discharge:

0.134

mgd

Months in which discharge occurs:

OCTOBER - APRIL

g. Is outfall equipped with a diffuser?

Yes

No

A.10. Description of Receiving Waters.

a. Name of receiving water

MAYFIELD CREEK

b. Name of watershed (if known)

MISSISSIPPI RIVER WATERSHED

United States Soil Conservation Service 14-digit watershed code (if known):

c. Name of State Management/River Basin (if known):

United States Geological Survey 8-digit hydrologic cataloging unit code (if known):

d. Critical low flow of receiving stream (if applicable):

acute

cfs

chronic

cfs

e. Total hardness of receiving stream at critical low flow (if applicable): _____ mg/l of CaCO₃

A.11. Description of Treatment.

a. What levels of treatment are provided? Check all that apply.

☒ Primary
 ☐ Secondary
☐ Advanced
 ☐ Other. Describe: _____

b. Indicate the following removal rates (as applicable):

Design BOD₅ removal or Design CBOD₅ removal _____ %
 Design SS removal _____ %
 Design P removal _____ %
 Design N removal _____ %
 Other _____ %

c. What type of disinfection is used for the effluent from this outfall? If disinfection varies by season, please describe.

NONE

If disinfection is by chlorination, is dechlorination used for this outfall?

☐ Yes
 ☒ No

d. Does the treatment plant have post aeration?

☐ Yes
 ☒ No

A.12. Effluent Testing Information. All Applicants that discharge to waters of the US must provide effluent testing data for the following parameters. Provide the indicated effluent testing required by the permitting authority for each outfall through which effluent is discharged. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analysis conducted using 40 CFR Part 136 methods. In addition, this data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136. At a minimum, effluent testing data must be based on at least three samples and must be no more than four and one-half years apart.

Outfall number: 001

PARAMETER	MAXIMUM DAILY VALUE		AVERAGE DAILY VALUE		
	Value	Units	Value	Units	Number of Samples
pH (Minimum)	6.7	s.u.			
pH (Maximum)	6.9	s.u.			
Flow Rate	0.275	MGD			
Temperature (Winter)					
Temperature (Summer)					

* For pH please report a minimum and a maximum daily value

POLLUTANT	MAXIMUM DAILY DISCHARGE		AVERAGE DAILY DISCHARGE			ANALYTICAL METHOD	ML / MDL
	Conc.	Units	Conc.	Units	Number of Samples		

CONVENTIONAL AND NONCONVENTIONAL COMPOUNDS.

BIOCHEMICAL OXYGEN DEMAND (Report one)	BOD-5	30	MG/L	19.4	MG/L	5		
	CBOD-5							
FECAL COLIFORM		250	CFU	30	CFU	5		
TOTAL SUSPENDED SOLIDS (TSS)		62	MG/L	37.4	MG/L	5		

END OF PART A.

REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM A YOU MUST COMPLETE

BASIC APPLICATION INFORMATION

PART B. ADDITIONAL APPLICATION INFORMATION FOR APPLICANTS WITH A DESIGN FLOW GREATER THAN OR EQUAL TO 0.1 MGD (100,000 gallons per day).

All applicants with a design flow rate ≥ 0.1 mgd must answer questions B.1 through B.6. All others go to Part C (Certification).

B.1. Inflow and Infiltration. Estimate the average number of gallons per day that flow into the treatment works from inflow and/or infiltration.

8400 gpd

Briefly explain any steps underway or planned to minimize inflow and infiltration.

INSTALLED NEW LIFT STATION AND ELIMINATED
OLD SEWER MAINS

B.2. Topographic Map. Attach to this application a topographic map of the area extending at least one mile beyond facility property boundaries. This map must show the outline of the facility and the following information. (You may submit more than one map if one map does not show the entire area.)

- The area surrounding the treatment plant, including all unit processes.
- The major pipes or other structures through which wastewater enters the treatment works and the pipes or other structures through which treated wastewater is discharged from the treatment plant. Include outfalls from bypass piping, if applicable.
- Each well where wastewater from the treatment plant is injected underground.
- Wells, springs, other surface water bodies, and drinking water wells that are: 1) within 1/4 mile of the property boundaries of the treatment works, and 2) listed in public record or otherwise known to the applicant.
- Any areas where the sewage sludge produced by the treatment works is stored, treated, or disposed.
- If the treatment works receives waste that is classified as hazardous under the Resource Conservation and Recovery Act (RCRA) by truck, rail, or special pipe, show on the map where that hazardous waste enters the treatment works and where it is treated, stored, and/or disposed.

B.3. Process Flow Diagram or Schematic. Provide a diagram showing the processes of the treatment plant, including all bypass piping and all backup power sources or redundancy in the system. Also provide a water balance showing all treatment units, including disinfection (e.g., chlorination and dechlorination). The water balance must show daily average flow rates at influent and discharge points and approximate daily flow rates between treatment units. Include a brief narrative description of the diagram.

B.4. Operation/Maintenance Performed by Contractor(s).

Are any operational or maintenance aspects (related to wastewater treatment and effluent quality) of the treatment works the responsibility of a contractor? ☐ Yes ☒ No

If yes, list the name, address, telephone number, and status of each contractor and describe the contractor's responsibilities (attach additional pages if necessary).

Name: _____

Mailing Address: _____

Telephone Number: _____

Responsibilities of Contractor: _____

B.5. Scheduled Improvements and Schedules of Implementation. Provide information on any uncompleted implementation schedule or uncompleted plans for improvements that will affect the wastewater treatment, effluent quality, or design capacity of the treatment works. If the treatment works has several different implementation schedules or is planning several improvements, submit separate responses to question B.5 for each. (If none, go to question B.6.)

- List the outfall number (assigned in question A.9) for each outfall that is covered by this implementation schedule.

- Indicate whether the planned improvements or implementation schedule are required by local, State, or Federal agencies.
☐ Yes ☐ No

- c. If the answer to B.5.b is "Yes," briefly describe, including new maximum daily inflow rate (if applicable).

- d. Provide dates imposed by any compliance schedule or any actual dates of completion for the implementation steps listed below, as applicable. For improvements planned independently of local, State, or Federal agencies, indicate planned or actual completion dates, as applicable. Indicate dates as accurately as possible.

Implementation Stage	Schedule	Actual Completion
	MM / DD / YYYY	MM / DD / YYYY
– Begin construction	___/___/___	___/___/___
– End construction	___/___/___	___/___/___
– Begin discharge	___/___/___	___/___/___
– Attain operational level	___/___/___	___/___/___

- e. Have appropriate permits/clearances concerning other Federal/State requirements been obtained? ☐ Yes ☐ No

Describe briefly: _____

B.6. EFFLUENT TESTING DATA (GREATER THAN 0.1 MGD ONLY).

Applicants that discharge to waters of the US must provide effluent testing data for the following parameters. Provide the indicated effluent testing required by the permitting authority for each outfall through which effluent is discharged. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analysis conducted using 40 CFR Part 136 methods. In addition, this data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136. At a minimum, effluent testing data must be based on at least three pollutant scans and must be no more than four and one-half years old.

Outfall Number: 001

POLLUTANT	MAXIMUM DAILY DISCHARGE		AVERAGE DAILY DISCHARGE			ANALYTICAL METHOD	ML / MDL
	Conc.	Units	Conc.	Units	Number of Samples		
CONVENTIONAL AND NONCONVENTIONAL COMPOUNDS.							
AMMONIA (as N)	4.9	MG/L	1.376	MG/L	5		
CHLORINE (TOTAL RESIDUAL, TRC)	0.0	MG/L	0.0	MG/L	5		
DISSOLVED OXYGEN	6.8	MG/L	6.64	MG/L	5		
TOTAL KJELDAHL NITROGEN (TKN)							
NITRATE PLUS NITRITE NITROGEN							
OIL and GREASE							
PHOSPHORUS (Total)							
TOTAL DISSOLVED SOLIDS (TDS)							
OTHER							

END OF PART B.

REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM A YOU MUST COMPLETE

BASIC APPLICATION INFORMATION

PART C. CERTIFICATION

All applicants must complete the Certification Section. Refer to instructions to determine who is an officer for the purposes of this certification. All applicants must complete all applicable sections of Form 2A, as explained in the Application Overview. Indicate below which parts of Form 2A you have completed and are submitting. By signing this certification statement, applicants confirm that they have reviewed Form 2A and have completed all sections that apply to the facility for which this application is submitted.

Indicate which parts of Form 2A you have completed and are submitting:

☒ Basic Application Information packet

Supplemental Application Information packet:

☐ Part D (Expanded Effluent Testing Data)

☐ Part E (Toxicity Testing: Biomonitoring Data)

☐ Part F (Industrial User Discharges and RCRA/CERCLA Wastes)

☐ Part G (Combined Sewer Systems)

ALL APPLICANTS MUST COMPLETE THE FOLLOWING CERTIFICATION.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name and official title

HERBY VANCE / MAYOR

Signature

Herby Vance

Telephone number

(270) 335-3557

Date signed

11/10/08

Upon request of the permitting authority, you must submit any other information necessary to assess wastewater treatment practices at the treatment works or identify appropriate permitting requirements.

SEND COMPLETED FORMS TO:

SUPPLEMENTAL APPLICATION INFORMATION

PART D. EXPANDED EFFLUENT TESTING DATA

Refer to the directions on the cover page to determine whether this section applies to the treatment works.

Effluent Testing: 1.0 mgd and Pretreatment Treatment Works. If the treatment works has a design flow greater than or equal to 1.0 mgd or it has (or is required to have) a pretreatment program, or is otherwise required by the permitting authority to provide the data, then provide effluent testing data for the following pollutants. Provide the indicated effluent testing information and any other information required by the permitting authority for each outfall through which effluent is discharged. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analyses conducted using 40 CFR Part 136 methods. In addition, these data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136. Indicate in the blank rows provided below any data you may have on pollutants not specifically listed in this form. At a minimum, effluent testing data must be based on at least three pollutant scans and must be no more than four and one-half years old.

Outfall number: _____ (Complete once for each outfall discharging effluent to waters of the United States.)

POLLUTANT	MAXIMUM DAILY DISCHARGE				AVERAGE DAILY DISCHARGE					ANALYTICAL METHOD	ML/ MDL
	Conc.	Units	Mass	Units	Conc.	Units	Mass	Units	Number of Samples		
METALS (TOTAL RECOVERABLE), CYANIDE, PHENOLS, AND HARDNESS.											
ANTIMONY											
ARSENIC											
BERYLLIUM											
CADMIUM	.002	MG/L								EPA 200.8	
CHROMIUM											
COPPER	.002	MG/L								EPA 200.8	
LEAD	.002	MG/L								EPA 200.8	
MERCURY											
NICKEL											
SELENIUM											
SILVER											
THALLIUM											
ZINC	.003	MG/L								EPA 200.8	
CYANIDE											
TOTAL PHENOLIC COMPOUNDS											
HARDNESS (AS CaCO ₃)	180	MG/L								SM 2340C	
Use this space (or a separate sheet) to provide information on other metals requested by the permit writer.											



OUT
TO CREEK

PARSHALL
FLUME

SAND
FILTER

SAND
FILTER

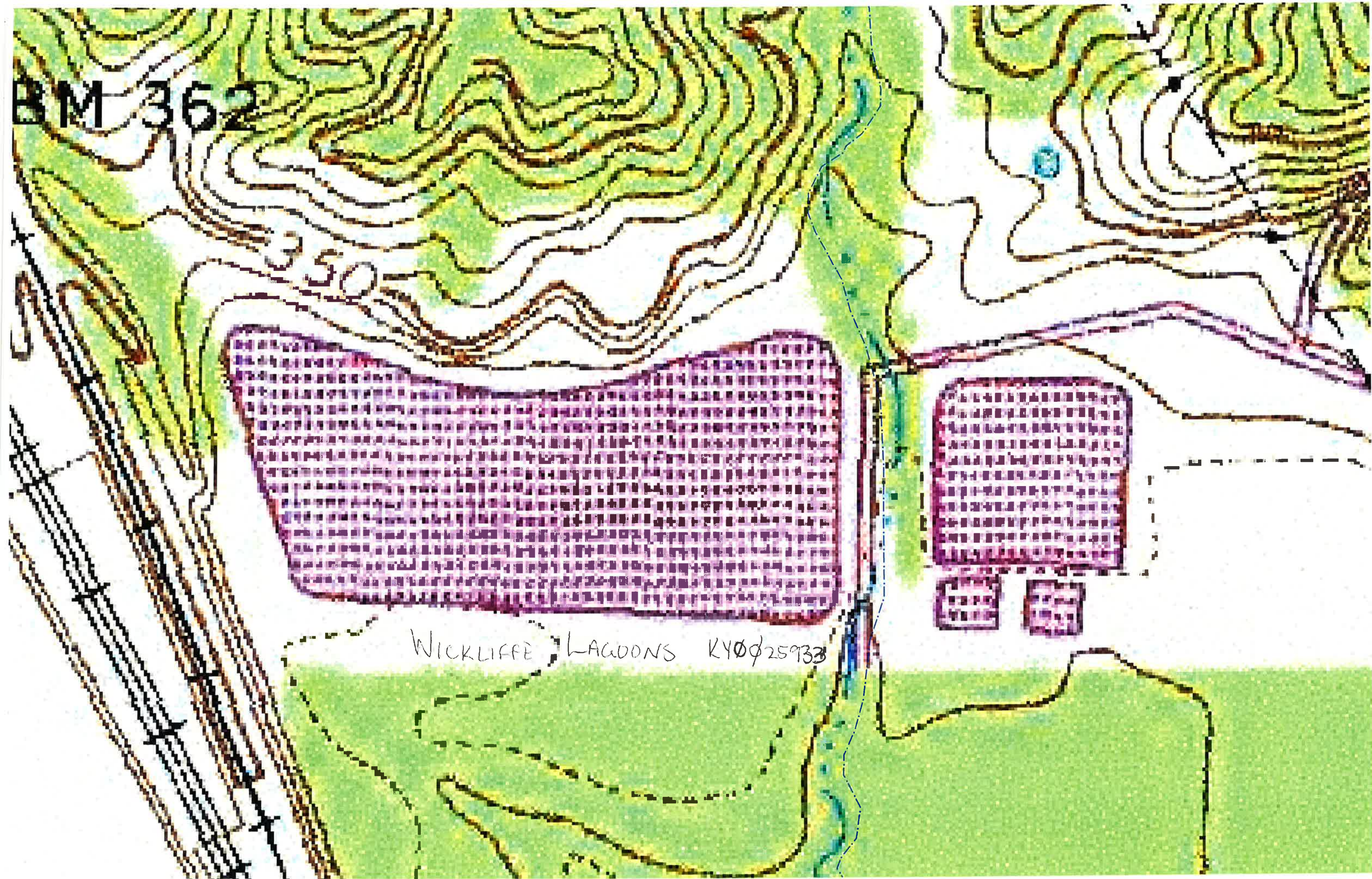
SECONDARY
LAGOON

811

PRIMARY LAGOON

WILKIRFE LAGOONS
KV 00 25933

6" FORCE MAIN



WICKLIFFE LAGOONS KY0025933